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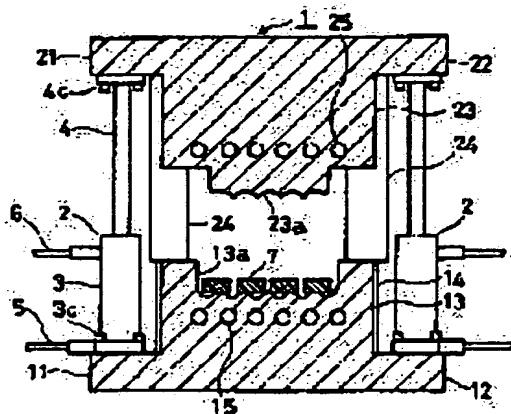
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(21)Application number : 09-344196 (71)Applicant : CHUBU KOGYO KK

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(54) MOLD FITTED WITH PRESS MECHANISM



(57)Abstract:

PROBLEM TO BE SOLVED: To mold a molding composite material without using a separately provided press machine and to make the same movable by a forklift or the like.

SOLUTION: A mold fitted with a press mechanism is equipped with a lower mold 11 having a molding recessed part 13a provided at the upper part through, an upper mold 21 having a molding projected part 23 which is meshed with the molding recessed part 13a to use a low pressure molding compd.(LPMC) 7 as a material to mold the same into a molded product, provided to the lower part thereof, the positioning guide guiding the molding recessed

part 13a and the molding projecting part 23a so that both parts 12a, 23a are mutually meshed at a determined position, a hydraulic cylinder 2 applying the pressing force necessary for molding a molded product to the gap between the lower mold 11 and the upper mold 21 and a heating means holding the LPMC 7 to predetermined temp. between the molding recessed part 13a and the molded projected part 23a. By this constitution, the LPMC 7 is held to curing temp. by the heating means interposed between the molding recessed part 13a and the molding projected part 23a to be pressed and molded by a hydraulic cylinder 2.

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